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1: [Semin Cancer Biol.](#) 2008 Nov 13. [Epub ahead of print] [Related Articles](#),
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Chemokines and their role in neuroectodermal tumor-host interaction.

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Chemokines and chemokine receptors play an important role in immune homeostasis and surveillance. Altered or defective expression of chemokines and/or chemokine receptors could lead to disease state including autoimmune disorder or cancer. Tumors from glioblastoma, melanoma and neuroblastoma secrete high levels of chemokines that are known to promote tumor growth and progression. On the other hand, these chemokines can also attract leukocytes such as dendritic cells, macrophages, neutrophils, and lymphocytes which may down modulate tumor growth. New therapies that are aimed at limiting tumor growth and progression by attracting immune effector cells to the tumor site may hold the key for successful treatment of cancer.

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